

The Specific Heat of Chain Structures at Low
Temperatures, by I. V. Sochava, O. N. Trapanikova,
3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIII,
No 4, 1957, pp 784.

Amer Inst of Phys
Sov Phys-Doklady
Vol II, No 2

Sci - Physics
Feb 1958

58,163

See also 58,163

The Measurement of the Electric Current in the
Ocean, by Yu. G. Ryzhkov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 4,
1957, pp 787-.

Consultants Bureau

Sci - Geophysics
Jul 58

CS 5825/PC-6-542

66,738

Concerning the Depth of Penetration of Mean-
Energy Ions into a Substance, by M. M. Bredov,
N. M. Okuneva, UNCL

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII,
No 4, 1957, pp 795-796. *CIA 9660 747*

9
*ATIC MCL-345/III

Sci - Phys

Aug 59

On the Mechanism of the Fischer Reaction and
its Anomalies, by A. E. Arbuzov, Yu. P. Kitayev,
pp. 1957

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 4,
pp 807-810.

Consultants Bureau

Sci - Chem
Aug 58

69, 662

On the Compound Ni_3B in Nickel-Boron Alloys,
by N. I. Blok, M. N. Kozlova, M. F. Lashko,
K. Ya. Shpunt, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII,
No 4, pp 811-812.

1957

Consultants Bureau

Sci - Chem
Aug 58

67, 163

Rupture of the Pyrazoline Ring during Acylation,
by V. V. Ershov, A. N. Kost, E. B. Evreinova,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII,
No 4, pp 818-819.

1957³
Consultants Bureau

Sci - Chem
Aug 58

61, 056

On the Thermal Stability of Complexes of Urea
with Organic Compounds, by I. R. Krichevskiy,
G. D. Efremova, G. G. Leontyeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII,
No 4, pp 817-819.

1959

Consultants Bureau

Sci - Chem
Aug 58

67.1.17

δ -Lactones. Conversion of Dibromides of
Unsaturated δ -Lactones to Bromo-Substituted
 δ -Keto Acids and their Esters, by R. Ya.
Levina, N. P. Shusherina, M. Yu. Lurye,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII,
No 4, pp 820-823.

Consultants Bureau

Sci - Chem
Aug 58

67, 158

Preparation and Investigation of Some Properties
of Rubidium and Cesium Glasses, by V. V. Mi-
seyev, E. A. Materova, A. A. Belyustin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 4, ¹⁹⁵⁷
pp 824-827.

Consultants Bureau

Sci - Chem

Aug 58

69, 157

Homolytic Isomerization of 1,1,1-Trichloro-2-Bromopropene, by A. N. Nesmeyanov, R. Kh. Freidlina, V. N. Kost, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 4, pp 828-831.

1957 Consultants Bureau

Sci - Chem
Aug 58

67, 136

Synthesis of Nitriles from Alcohols and
Ammonia over Oxide Catalysts, by Ya. M.
Paushkin, L. V. Osipova, N. Khershkovits, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII,
No 4, pp 832-835.

1957

Consultants Bureau

Sci - Chem
Aug 58

67, 057

Chemical Structure and the Physicochemical
Properties of Hydrocarbons, New Rules and Methods
of Calculation, by V. M. Tatevskiy, 4 pp. 1957

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 4, 1
pp 836-838.

Consultants Bureau

Sci - Chem
Aug 58

61, 137

Sulfoxidation of Methane with Gaseous Sulfur
Dioxide and Oxygen, by A. V. Topchlev, G. V.
Gryaznov, G. M. Tsiguro, 4 pp.

1957
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 4, A
pp 839-842.

Consultants Bureau

Sci - Chem
Aug 58

69, 139

The Correct Form of the Equation for the
Capillary Condensation in Porous Bodies
Used to Determine their Structure from
Adsorption and Sorption Isotherms, and
the Converse, by B. V. Deryagin.
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 113,
No 4, 1957, pp 842-845.
NLL Ref: 5196 1965 (1288)

Sci-Phys
June 66

301,490

Photo-Oxidation of Water by Dyes on the Surface of
Semiconductors, by G. A. Korsunovskiy, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXII,
No 4, 1957, pp 853-855.

CIA/FDD X-2782

60, 698

Sci - Phys
Mar 58

The Effect of Hydrolysis Time on the Observed
Activity of Rye Amylase After Partial Thermal In-
activation, by S. I. Pronin and G. B. Balashova,
2 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIII,
No 7, pp 866-868.

1957

Consultants Bureau

Sci - Chem

60,903

Mar 58

The Effect of Reducing Agents on Gluten, by N. I.
Proskuryakov and M. A. Larina, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIII,
No 4, pp 869-872.

Consultants Bureau

Sci - Chem

Mar 58

60,905
cc - by in 2d 443

The Effect of Energy Donors and Inhibitors to the Incorporation of C^{14} -Glycine into the Proteins of the Cavity Fluid of the Mulberry Silkworm (*Bombyx Mori* L.), by A. M. Sisakyan and E. B. Kuvayeva, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIII, No 4, pp 873

Consultants Bureau

Sci - Chem

60,906

Mar 58

The Classification of Sakhalin Into Regions on a
Seismotectonic Basis, by V. E. Dibrov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 4, 1957,
pp 877-880.

Consultants Bureau

Sci = Geophysics
Jun 58

66,714

The Trachyandesitic Association of Volcanic and
Subvolcanic Strata of the Radam River (Karzhau-Tau
Ridge), by E. D. Karpova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 4, 1957,
pp 881-884.

Consultants Bureau

Sci - Geophysics
Jul 58

66,715

Recent Tectonics of the Western Part of the
Caspian Depression, by V. A. Nikolayev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 4,
1957, pp 885-888.

Consultants Bureau

Sci - Geophysics
Jul 58

66,716

The Upper Kizel Beds Near Buzuluk in Chkalov
Region, by S. V. Semikhatova, A. A. Ryzhova,
I. F. Rostovtseva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 4,
1957, pp 889-892.

Consultants Bureau

Sci - Geophysics
Jul 58

66,717

The Structural Disharmony Between Two Major Groups of
Strata in the Urals, by G. A. Smirnov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 4, 1957,
pp 893-.

Consultants Bureau

Sci - Geophysics
Jun 58

66,718

New Data on the Gas-Saturation of the Mesozoic Water-Bearing Levels of "Mineralnye Vody" in the Caucasus, ~~XXXX~~ by V. N. Kortsenshtein, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No ¹⁴ 1, 1957, pp ~~796~~ 796-.

Consultants Bureau

Sci - Geophysics
Jul 58

66, 744

Changes in the Polar Bodies During Development of Some
Invertebrates, by I. I. Kuknadze, 2 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol. CXIII,
No 4, 1957, pp 901-904.

Amer Inst of Biol Sci

Sci - Med

58,287

Feb 58

Mitosis and Respiratory Exchange Under Conditions Which Suppress the Normal Reaction to a Change of Environment, by I. A. Utkin and O. T. Movchan, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol. ~~CXIV~~ ^{CXV},
No 4, 1957, pp 905-908.

Amer Inst of Biol Sci

Sci - Med

Feb 58

58, 288

Histology of Human Skin Transplants Cut With a
Dermatome, by L. B. Berlin, 4 pp.

RUSSIAN, per, Dok Ak Nauk BSSR, Vol CXIII, No 4,
1957, pp 909-912.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70,276

Cultivation of Epithelium of the Vasa Efferentia by
Implantation into the Living Animal, by A. A.
Zavarzin, 3 pp.

RUSSIAN. per, Dok Ak Nauk SSSR, Vol CXIII, No 4,
1957, pp 913-916.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70,269

Changes in the Thyroid Induced by Removal of the
Sensory Ganglion of the Vagus, by A. V. Zelenin,
pp.

RUSSIAN, Per, Dok Ak Nauk SSSR, Vol CXIII, No 4,
1957, pp 917-919.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70,271

Lymph Vessels and Glands of the Tunica Vaginalis in
Mammals ~~and Reptiles~~, by A. D. Speransky, pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 4,
1957, pp 920-.

Amer Inst of Biol Sci

Sci. - Biology

Aug 58

70,270

Adaptive Changes in "Insensible Losses of Water" in
Garacul Sheep at Different Temperatures and with Re-
stricted Water Intake, by A. L. Paducheva, V. V.
Kovalsky and B. S. Shraer, 4 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CXIII,
No 4, 1957, pp 923

Amer Inst of Biol Sci

Sci - Med

58, 289

Feb 58

Transpiration as an Index of Water Absorption by
the Root System of Trees, by N. P. Krasulin,
N. M. Penkratova, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIII,
N o 4, 1957, pp 927 -

Amer Inst of Biol Sci

Sci - Biol

60,178

Mar 58

The Reaction of the Tadpole Heart to Acetylcholine,
by N. A. Itina, 4 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol. LXIII, No 4,
1957, pp 930-933.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

76,245

On the Reactions of the Partially Denervated
Parotid Gland of Man Which are Typical of A-Cholin-
ergic Structures, by S. L. Levin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. 157, Part
No 4, 1957, pp 934-.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

76.2.7

The Effect of Different Light Conditions on the Development of Sturgeon Larvae in the Period from Hatching to Transition to Active Feeding (Artificial Breeding), by K. I. Semenov, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol. CXIII, No 4, 1957, pp 937-940.

Amer Inst of Biol Sci

Sci - Med

58,293

Feb 58

Heterochronic Features in the Development of Primary
Embryonic Layers and Coelomic Mesoderm in Bovine
Embryos (*Bos Taurus*), by C. A. Schmidt, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXXII,
No 4, 1957, pp 941-

Amer Inst of Biol Sci

Sci - Med

58,294

Feb 58

Re-Establishment of the Potential From the
Scattering Matrix for a System of Differential
Equations, by Z. S. Agranovich, V. A. Marchenko,
6 p.

RUSSIAN, per, Dok Ak Nauk SSSR, 1957, Vol CXIII,
No 5, pp 951-954.

SIA 59-20208

Sci

Mar 60

Vol 3, No 1

110,983

Conditions for the Regularity of Stochastic Processes,
by V. G. Minokurov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 5,
1957, pp 959-961.

SLA R-1998

Sci

Aug 58

70,999

14 692

FR-2

GRAEV M. I.

Representation, non reducible to unity, of third-order matrix groups which remain Hermitian indefinitely

Représentation non réductible à l'unité, de groupes de matrices de troisième ordre gardant indéfiniment une forme hermitienne

Dokl. Akad. Nauk SSSR, Ser. Mat., 113, No. 5, 966-969 (1957)

F/R-788 - French

E u r a t o m

Kreyn, M. G.

ON THE CONTINUAL ANALOGUE OF ONE FORMULA OF CHRISTOFFEL FROM THE THEORY OF ORTHOGONAL POLYNOMIALS. [1960] 10p. 7 refs.
Order from LC or SLA mi\$2.40, ph\$3.30 61-10650

Trans. of Akademiya Nauk SSSR. Doklady, 1957, v. 113, no. 5, p. 970-973.

In this paper the author starts with the differential system $(d^2\phi/dr^2) - V(r)\phi + 2\phi = 0$, $\phi(0;\lambda) = 1$, $\phi^1(0;\lambda) = h$, where $(0 \leq r < r_\infty)$, h is a real number, $V(r)$ is a real continuous function on $(0, r_\infty)$ and λ is a complex parameter. Then for a polynomial in λ which is non-negative on the spectrum of this system he develops an associated system and obtains formulae for the solutions and the spectral function of the associated system in terms of the solutions and spectral function of the given system. Also considered is the problem of determining potentials $V(r)$ of a given form when the spectral function is given. (Author) (Mathematics, TT, v. 5, no. 7)

61-10650

1. Polynomials--Theory
2. Title: Christoffel formula
1. Kreyn, M. G.

148,561

Office of Technical Services

On Determining Statistics, a Generalization of
the Problem of Moments, by Yu. V. Linnik, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 6411, No
5, 1957, pp 974-976.

Sci

Aug 58

SLA R-20381

76-1000

90,997

A Generalization of the Problem Concerning the
Extreme Intersection Point of an Axis With a Convex
Polyhedron, by G. Sh. Rubinshteyn.

RUSSTAN, per, Dok Ak. Nauk SSSR, Vol CXIII, 1957,
pp 987-990, 9048988.

SLA 59-18263

Sci - Math

Jun 60

117,079

On the Propagation of a Strong Spherical Blast
Wave in a Heatconducting Gas, by V. P. Korobysnikov,
4 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CXIII,
No 5, 1957, pp 1006-. 9676852 701602

SLA 60-15073
Consultants Bureau

5-5, 955

Sci - Physics
Dec 57

Radiation in the Problems of Gas Dynamics, by
E. Larish, I. Shokhtman, 4 pp.

RUSSIAN, three-no per, Dok Ak Nauk SSSR, Vol
XXII, No 5, 1957, pp 1010-. 9075608

11-1-7

Consultants Bureau

55,957

Sol - Physics
Dec 57

On the Total Summation Rule for Oscillator Strengths
of Alkali Metals, by I. B. Baruker, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIII,
No 5, 1957, pp 1017-1019.

Amer Inst of Phys
Sov Phys-Doklady
Vol II, No 2

Sci - Physics
Feb 1958

58, 164

Photoconductivity of Violanthrone and Pyrenanthrone.
by A. G. Vartanian, I. A. Karpovich, 3 pp.

RUSSIAN, thrice-mo per; Dok Ak Nauk SSSR, Vol CXIII,
No 5, 1957, pp 1020-1022.

Amer Inst of Phys
Sov Phys-Doklady
Vol II, No 2

Sci - Physics
Feb 1958

58,165

The Influence of Electric Fields on the Properties
of Thin Dielectric and Semiconducting Films, by Ya.
M. Volokobinskiy, 2 pp.

RUSSIAN, thrice-no per Dok Ak Nauk SSSR, Vol CXIII,
No 5, 1957, pp 1023, 1024.

Amer Inst of Phys
Sov Phys-Doklady
Vol II, No 2

Sci - Physics
Feb 1958

Sci Phys Dokl SSSR
SLA R-4239

Considered French
SLA R-42-29104

On the Determination of Molecular Volumes in Solutions
by the Use of Polarized Luminescence, by N. D.
Zhevandrov, V. P. Nikolayev, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIII,
No 5, 1957, pp 1025-1027.

Amer Inst of Phys
Sov Phys-Doklady
Vol II, No 2

Sci - Physics
Feb 1958

58,166

On Differential Electrostatic Fields in the Spectroscopy of Charged Particle Beams, by M. I. Korsun'kiy, V. A. Lazakutsa, 3 pp.

RUSSIAN, thrice-mo per, dok Ak Nauk SSSR, Vol CXIII, No 5, 1957, pp 1029-1031.

Amer Inst of Phys
Sov Phys-Doklady
Vol II, No 2

Sci - Physics
Feb 58

58,167

Cd(n,p)Ag Cross Section With 14-Mev Neutrons, by V. N. Levkovskiy, 2 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIII, No 5, 1957, pp 1032-1034.

Amer Inst of Phys
Sov Phys-Doklady
Vol II, No 2

Sci - Physics
Feb 1958

Passage of Various Gas Ions Through a Thin Silver
Foil, by V. G. Tel'kovskiy, V. I. Pistunovich, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIII,
No 5, 1957, pp 1035-

Amer Inst of Phys
Sov Phys-Doklady
Vol II, No 2

Sci - Physics
Feb 1958

58,168

On Nonmolecular Light Scattering in High Layers of
the Atmosphere, by V. M. Morozov, 4pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 5,
1957, pp 1039-1042.

Consultants Bureau

Sci - Geophysics
Jul 58

66,739

On the Kinematics of Ocean Waves, by V. V. Shuleikin,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 5,
1957, pp 1043-.

Consultants Bureau

Sci - Geophysics
Jul 58

66,740

On the Problem of the Dependence of the Friction
Coefficient on the Velocity, by V. D. Kuznetsov,
V. I. Flerov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 5,
1957, pp 1050-1052.

SLA 59-10273

Sci - Chem

Jul 59

OTS I, 11

91,041

Concerning the Nature of the Scalar Effect in
the Disintegration of Metals, by Ye. M. Shevandin,
et al. 10 pp. UNCL

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 5,
1957, pp 1057-1060. 9660856

ATTC MEL-533/101

Sci - Min/Mat

Apr 61

IC 10347 - item 17

147, 890

On the Occurrence of Wavy Slip Lines in Silver
Chloride Crystals, by M. P. Shashol'skaya,
V. E. Kochanov, 3 pp.

RUSSIAN, three-no par, Dok Ak Nauk SSSR,
Vol LXIII, No 5, 1957, pp 1061-.

Consultants Bureau

Sci - Physics
Dec 57

55,947 X-2770

Investigation of the Mechanism of the Alkylation
of Phenols by N-Trimethyl- α -Phenethylammonium
Iodide, by D. N. Kursanov, S. V. Vitt, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII,
No 5, pp 1068-1069.

1959 Consultants Bureau

Sci - Chem
Aug 58

67, 652

Recrystallization Diagram for Molybdenum, by
E. M. Savitskiy, et al.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CHEM, No 5,
1957, pp 1070-1072.

Hardy Publishers *7-4432*
\$3.85

Sol. - Chem

Am 58

Comm. Books Club
1/1/58

On the Complex Compounds of Lanthanum, Cerium,
Praseodymium, and Neodymium with Thiourea,
by N. N. Sakharova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 5, 1957
pp 1073-1075.

Consultants Bureau

Sci - Chem
Aug 58

67, 154

Alkylation of Isopentane with Propylene and
Isobutylene in the Presence of a Series of
Phosphoric Acids Containing Fluorine and Boron
Trifluoride, by A. V. Topchiev, V. N. Andronov,
4 pp.

RUSSIAN, per, Dok Ak Nauk BSSR, Vol CXIII,
No 5, pp 1076-1079.

1957 Consultants Bureau

Sci - Chem
Aug 58

61, 125

Tautomerism of Acylated Heterocyclic Amines and
Its Study by Means of Spectra, by Yu. N. Shein-
ker, 4 pp.

1957
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 5,
pp 1080-1083.

Consultants Bureau

Sci - Chem
Aug 58

69. 648

ϵ -Lactones. Preparation of Acylated Butyrolactones from ϵ -Bromo- δ -Keto Acids, by N. P. Shusharina, M. Yu. Lurye, R. Ya. Levaia, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 54, 1957
pp 1084-1087.

Consultants Bureau

Sci - Chem
Aug 58

67, 641

Certain Laws Governing Diffusive Burning of
Liquids, by V. I. Dlinov, G. N. Khudjakov, 4 pp.
UNCLASSIFIED

RUSEIAN, per, Dok Ak Nauk SSSR, Vol XXXII, No 5,
1957, pp 1094-1097.

Dept of Commerce
National Bureau of Standards

Sci - Phys
Apr 58

62,395

The Geologic Position of Alkaline Vein Rocks in A
Vein Series of Alkaline-Earth Granitic Rocks, by R.
D. Gavrilin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 5,
1957, pp 1111-1114.

Consultants Bureau

Sci - Geophysics
Jun 58

66,719

Mineralogic-Petrographic Correlation of Lower
Carboniferous Deposits on the Northwest Flank of
the Moscow Basin, by M. G. Gordon, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 5,
1957, pp 1115-1118.

Consultants Bureau

Sci - Geophysics
Jun 58

66,720

Moscovian Stage Middle Carboniferous in the Melekess
Depression, by S. V. Semikhatova, L. M. Elina, I. I.
Dalmataakaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 5,
1957, pp 1119-1122.

Consultants Bureau

Sci - Geophysics
Jun 58

66,721

Discovery and Study of the Submarine Mountain Isakov
in the Pacific Ocean, by I. V. Sergeyev, G. B.
Udintsev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 5,
1957, pp 1123-1126.

Consultants Bureau

Sci - Geophysics
Jun 58

66,722

The Depositional Break at the Boundary Between the
Bashkirian and Moscovian Stages in the Dnieper-Donets
Depression, by P. L. Shulga, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 5,
1957, pp 1127, 1128.

Consultants Bureau

Sci - Geophysics
Jun 58

66,723

Histological Structure of the Membranous Chorion
Trophoblasts in Humans, by Z. P. Zhenkova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 5,
1957, pp 1140-1142.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70,272

The Problem of the Histogenesis of the Seminal
Tracts in Mammals and the Human, by A. A. Zavarzin,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 5,
1957, pp 1143-1146.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70, 267

The Problem of the Pathological Changes in the
Interoceptors of the Orifices of the Vena Cava,
by V. P. Kurkovskiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 5,
1957, pp 1147-1149.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70,266

The Problem of the Morphology of the Receptors of
the Esophagus of Birds, by A. N. Liven, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 5,
1957, pp 1150-1153.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70,268

The Problem of the Innervation of Pigment Cells, by
V. A. Tikhova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 5,
1957, pp 1154-.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70, 262.

The Influence of the Mentor on the Inheritance of
Characteristics in Wheat, by G. B. Medvedeva, 3pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIII,
No 5, 1957, pp 1158-1160.

Amer Inst of Biol Sci

Sci - Med
Feb 58

58,301

The Polyhedral Virus of the Large Honeycomb Moth,
Galleria Mellonella, by L. S. Gershenson, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 5,
1957, pp 1161-.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70,265

The Rate of Translocation of Photosynthetic Products
into the Grains of Summer Wheat at Various Seeding
Rates, by B. E. Kravtsova, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXIII,
No 5, 1957, pp 1163, 1164.

Amer Inst of Biol Sci

Sci - Biol

60,381

Mar 58

Chlorophyll Content, Ascorbic Acid, and Catalase
Activity in Leaves of Some Weeping Forms of Woody
Plants in Relation to Polarity, by G. Kh. Molotovskiy,
A. F. Izmailov, 2 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIII,
No 5, 1957, pp 1165 -

Amer Inst of Biol Sci

Sci - Biology
Mar 58

60,382

Effect of Sympathectomy on Arterio-Venous Anastomoses
in Rabbit Ear, by V. L. Dansker, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIII,
No 5, 1957, pp 1171-

Amer Inst of Biol Sci

Sci - Med

58, 287

703 98

Blood Sugar Level and ~~INHEX~~ Insulin Regulation in
Hysteresis, by B. Sh. Aizratsyants, I. E. Lebedeva,
3 pp.

RUSSIAN, per. Dok Ak Nauk SSSR, Vol CXLII, No 5,
1957, pp 1174-1175.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

76, 246

On the Innate Pressor Reaction of Arterial Pressure
When the Pressure Falls in the Carotid Sinus, by
V. H. Khayutin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, 1957, No 5,
1957, pp 1177-.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70,948

Studies on Mosquitoes as Carriers of Lymphocytic
Chorio-Meningitis Virus Conducted in Western
Ukraine, by ~~XXX~~ P. A. Glushchenko, A. V. Gutsevich,
M. S. Dudkina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 5,
1957, pp 1181-.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70,261

Polya's Theorem for Entire Functions of Two Complex Variables, by A. A. Kozmanova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, 1957, pp 1203-1205.

Amst Math Soc

Sci-Math

246,448

Jan 64

Steady Temperature of a Plane Plate in a Reacting
Gas Flow, by E. P. Vaulin, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIII,
No 6, 1957, pp 1235-1238.

Amer Inst of Phys
Sov Phys-Doklady
Vol II, No 2

Sci - Physics
Feb 1958

58,169

The Tunnel Effect in Sulfide Rectifiers, by Yu. M.
Polokobinskiy, 3 pp.

RUSSIAN, thrice-~~no~~ per, Dok Ak Nauk SSSR, Vol CXIII,
No 6, 1957, pp 1239-1242.

Amer Inst of Phys
Sov Phys-Doklady
Vol II, No 2

58,170

Sci - Physics
Feb 1958

A Homogeneous Field Beta-Ray Spectrometer With
Compensated Spherical Aberration, by K. A. Dolmatova,
V. M. Kel'man, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIII,
No 6, 1957, pp 1244-1247.

Amer Inst of Phys
Sov Phys-Doklady
Vol II, No 2

Sci - Physics
Feb 1958

58,171

On the Fundamental Relativistically Invariant
Equation for a Spin $1/2$ Particle, by G. A. Zaitsev.
3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIII.
No 6, 1957, pp 1248-1250.

Amer Inst of Phys
Sov Phys-Boklady
Vol II, No 2

Sci - Physics
Feb 1958

58, 172

On Possible Dipole Transitions of α -Particles, by
B. L. Yoffe, I. Ye. Pomeranchuk, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXXIII
No 6, 1957, pp 1251-

Amer Inst of Phys
Sov Phys-Nobelady
Vol II, No 2

58,173

Sci - Physics
Feb 1958

The Strong Trans Effect of the Hydroxo Group
in the Dioximines of Trivalent Cobalt, by
A. V. Ablov, N. M. Semus, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXIII, No 6, 1957
pp 1265-1268.

Consultants Bureau

Sci - Chem
Aug 58

67.050

Study of the Reaction of the Esters of Phosphorous Acid with Alkyl Halides by Physico-chemical Analysis Methods, by B. A. Arbuzov, A. V. Fuzhenkova, 4 pp. 1957

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 6, pp 1269-1271.

Consultants Bureau

Sci - Chem
Aug 58 67, 57

Stability of Calcium Hydrosulfonaluminate in
Portland Cement Rock, by P. P. Budnikov, V. S.
Gorshkov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII,
No 6, pp 1272-1275.

1957

Consultants Bureau

Sci - Chem

Aug 58

67, 144

Synthesis of the Hexahydro-(3,4:3',4')-Furofuran
System -- The Principal Nucleus of Natural Resin-
ols, by N. B. Galstukhova, 4 pp. 1451

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 6, 1
pp 1276-1279.

C
Consultants Bureau

Sci - Chem
Aug 58 67, 125

The Claisen Rearrangement in the Allyl Aryl
Sulfide Series, by E. N. Karaulova, D. Sh.
Mailanova, G. D. Galpern, 4 pp.

RUSKIN, per, Dok Ak Nauk SSSR, Vol CXIII,
No 6, pp 1280-1282.

1951 Consultants Bureau

Sci - Chem
Aug 58

6 1 1 1 6

Study of the Mechanism of the Alkylation of
Amines with N-Trimethyl- α -Phenethylammonium
Iodide, by D. N. Kursanov, S. V. Vitt, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII,
No 6, pp 1283-1285.

1957 Consultants Bureau

Sci - Chem
Aug 58

67, 647

2,4-Dimethyl-,3-Pentadiene in the Synthesis of
Alkanes with Two Tertiary Carbon Atoms, Separated
by a CH₂ Group (Ditert-Alkylmethanes), by R. Ya.
Levina, Yu. S. Shabarov, V. K. Daukshas, E. G.
Treshchova, 5 pp.

1951

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 6,1
pp 1286-1289.

Consultants Bureau

Sci - Chem

Aug 58

61, 140